



125 Valley Court
Oak Ridge, TN 37830
(865) 482-7762 Fax (865) 483-6995
www.MEandT.com
Info@MEandT.com
patrickw@meandt.com
ISO/IEC 17025:1999



Mechanical Test Report: Tensile Properties

Contact: Glenn Myrick

NCI BUILDING SYSTEMS

422 Kirby Drive

Lexington, TN 38351

Report Date: 10/17/07

ME&T#: 41691 & 41692

Quote#: Verbal

P.O.#: 1354209

Date Sample Received: 10/10/07

Mill: NUCOR

Specification: ASTM A572 Grade 50

Alloy Content: Type 1

Universal Tester: 228

Test Procedure: MPT-10.0, ASTM A370

Operator: W.J. Werner

Test Date: 10/17/07

TEST RESULTS

	<u>ME&T#</u> <u>41691</u>	<u>ME&T</u> <u>41692</u>
Area (in ²):	<u>0.124</u>	<u>0.122</u>
Ultimate Tensile Strength (psi):	<u>64700</u>	<u>68791</u>
Yield Strength (psi):	<u>49709</u>	<u>57937</u>
Elongation (%):	<u>33.4</u>	<u>29.6</u>
Heat:	<u>175523</u>	<u>175523</u>
Coil:	<u>175523-5B</u>	<u>175523-5B</u>
Thickness (in):	<u>0.2415</u>	<u>0.2415</u>
Alloy Content:	<u>Type 1</u>	<u>Type 1</u>
CMTR Conformance (Tensile) ASTM A1018:	<u>Yes</u>	<u>Yes</u>
CMTR Conformance (Composition) ASTM A572 Grade 50*:	<u>Yes</u>	<u>Yes</u>
Tensile Conformance to ASTM A572 Grade 50:	<u>No</u>	<u>Yes</u>

Materials Engineering & Testing certifies results as indicated.

Sincerely,

Patrick Werner
President, **ME&T**